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		Applicant: Ulrich Bonne	
		Filing Date: January 27, 2004	Group Art: <del>unknown</del> 3746

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	
PJB	906,468	12/1908	Steynis	
	1,157,859	10/1915	Freet	
	1,454,219	05/1923	Goedicke	
	1,505,669	08/1924	Quain	
	3,146,616	09/1964	Loyd	
	3,557,532	01/1971	Broerman	
	3,730,874	05/1973	Trub	
	3,783,356	01/1974	Lide, III et al.	
	3,833,492	09/1974	Bollyky	
	3,921,002	11/1975	Williams	
	3,967,131	06/1976	Slipiec et al.	
	3,979,193	09/1976	Sikich	
	4,025,441	05/1977	Tabata et al.	
	4,043,196	08/1977	Trageser	
	4,048,668	09/1977	von Bargaen	
	4,049,552	09/1977	Arff	
	4,051,045	09/1977	Yamamoto et al.	
	4,079,260	03/1978	Dmietriev et al.	
	4,101,783	07/1978	Hutter	
	4,123,664	10/1978	Yamamura et al.	
	4,128,768	12/1978	Yamamoto et al.	
	4,159,971	07/1979	Gneupel	
	4,216,096	08/1980	Pare et al.	
	4,228,815	10/1980	Juffa et al.	
✓	4,234,800	11/1980	Kenly	
PJB	4,383,976	05/1983	Notaro	

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PJB	4,411,756	10/1983	Bennett et al.	
	4,417,966	11/1983	Krauss et al.	
	4,461,744	07/1984	Erni et al.	
	4,478,076	10/1984	Bohrer	
	4,483,200	11/1984	Togawa et al.	
	4,504,446	03/1985	Kunicki et al	
	4,507,974	04/1985	Yelderman	
	4,576,050	03/1986	Lambert	
	4,614,573	09/1986	Masuda	
	4,640,782	03/1987	Burleson	
	4,650,573	03/1987	Nathanson	
	4,656,010	04/1987	Leitzke	
	4,690,803	09/1987	Hirth	
	4,696,800	09/1987	Sasaki et al.	
	4,725,412	02/1988	Ito	
	4,735,082	04/1988	Kolloff	
	4,759,210	07/1988	Wohltjen	
	4,764,349	08/1988	Arff et al.	
	4,877,588	10/1989	Ditzler et al.	
	4,886,645	12/1989	Fischer et al.	
	4,909,078	03/1990	Sittler et al.	
	4,944,035	07/1990	Aagardl Roger L., et al.	
	4,960,569	10/1990	Fovell et al.	
	4,969,850	11/1990	Wales	
	4,981,656	01/1991	Leitzke	
	5,004,587	04/1991	Tacchi	
	5,008,087	04/1991	Batchelor	
↓	5,031,126	07/1991	McCulloch et al.	
PJB	5,034,198	07/1991	Kaiga et al.	

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PJB	5,044,766	09/1991	Stuart	
	5,056,047	10/1991	Sondergeld	
	5,093,087	03/1992	Freeman	
	5,106,589	04/1992	Conrad	
	5,124,132	06/1992	Francis, Jr. et al.	
	5,145,653	09/1992	Fischer et al.	
	5,146,414	09/1992	McKown et al.	
	5,243,858	09/1993	Erskine et al.	
	5,263,380	11/1993	Sultan et al.	
	5,268,151	12/1993	Reed et al.	
	5,268,302	12/1993	Rounbehler et al.	
	5,379,630	01/1995	Lacey	
	5,411,713	05/1995	Iwanaga	
	5,411,713	05/1995	Masao	
	5,463,899	11/1995	Zemel et al.	
	5,469,013	11/1995	Kang	
	5,533,412	07/1996	Jerman et al.	
	5,570,179	10/1996	Weckstrom	
	5,587,520	12/1996	Rhodes	
	5,591,896	01/1997	Lin	
	5,665,604	09/1997	Monagle et al.	
	5,836,750	11/1998	Cabuz	
	5,922,974	07/1999	Davidson et al.	
	5,968,377	10/1999	Yuasa et al.	
	6,016,027	01/2000	DeTemple et al.	
	6,106,245	08/200	Cabuz	
	6,139,384	10/2000	DeTemple et al.	
↓	6,178,811	01/2001	Bonne et al.	
PJB	6,179,586	01/2001	Herb et al.	

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PJB	6,184,607	02/2001	Cabuz et al.	
↓	6,194,833	02/2001	DeTemple et al.	
	6,308,553	10/2001	Bonne et al.	
	6,313,638	11/2001	Sun et al.	
	6,393,894	05/2002	Bonne et al.	
↓	6,457,347	10/2002	Koo et al.	
PJB	6,494,617	12/2002	Stokes et al.	

#### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No
PJB	DE 196 19 133 A1	11/13/97	Germany	Abstract
↓	DE 2 934 566 A1	03/19/81	Germany	Abstract
	DE 32 34 146 A1	03/15/84	Germany	Abstract
	DE 42 22 458 A1	01/13/94	Germany	Abstract
	DE 42 43 573 A1	06/23/94	Germany	Abstract
	DE 296 07 315 U1	09/26/96	Germany	Abstract
	EP 0 232 719 A1	01/10/87	Europe	Abstract
	EP 0 348 245 A2	12/27/89	Europe	
	EP 0 364 982 A2	04/25/90	Europe	
	EP 0 419 873 A2	08/29/90	Europe	
	EP 0 468 793 A2	01/29/92	Europe	
	EP 0 702 212 A2	03/20/96	Europe	
	EP 0 773 432 A2	05/14/97	Europe	Abstract
	GB 2 287 792 A	09/1995	United Kingdom	
	56-153256	11/1981	Japan	Abstract
↓	57-131029	08/1982	Japan	Abstract
PJB	57-206830	12/1982	Japan	Abstract

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PJB	WO 92/06369	04/1992	PCT	
PJB	WO 94/20825	09/1994	PCT	
PJB	WO 98/22793	05/1998	PCT	

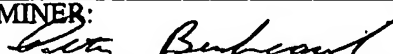
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

PJB	Amano, "Infrared spectroscopic detection of ions and free radicals in discharge plasmas," pp. 72-82, SPIE Proceedings, Vol 1858, 1993.
	Atalla et al., "Radiation Effects with the AC Heated Strip Technique for the Measurement of Thermal Properties of Liquids", <u>High Temperatures - High Pressures</u> , Vol. 17, pages 447-452, 1985.
	Atalla et al. "Measurement of Thermal Properties of Liquids with an AC Heated-Wire Technique", <u>International Journal of Thermophysics</u> , Vol. 2, No. 2, 1981.
	Bonne et al., "Industrial Wireless PHASED Sensor Phase 1. Feasibility Demonstration," Progress Report for 4th Quarter of 2002, pp. 1-17, January 31, 2002.
	Bonne, et al., "Actuation-based microsensors," Smart Materials and Structures, 10, pp. 1185-1195, 2001.
	Bonne, et al., "PHASED, a Faster, Smarter and More Affordable Gas Analysis Device - Update," International Forum on Process Analytical Chemistry (IFPAC) Scottsdale, AZ, January 21-24, 2003.
	Bonne, et al., "PHASED: a Faster, Smarter and More Affordable Gas Analysis Device," 16th International Forum on Process Analytical Chemistry, San Diego, CA., January 22-25, 2002, pp 1-17.
	Bonne, U., et al., "New Gas Composition and Trace Contaminant Sensors," GTI Natural Gas Technologies Conference, Orland, FL, Sept. 30 - Oct. 2, 2002, pages 1-12.
	Bottner et al., "Euler/Lagrange Calculations of Particle Motion in Turbulent Flow Coupled with an Electric Field," ECCOMAS Computational Fluid Dynamics Conference 2001, Swansea, Wales, UK, pp. 1-20, September 4-7, 2001.
	Cabuz, C. et al., "Mesoscopic Sampler Based on 3-DF Arrays of Electrostatically Actuated Diaphragms," Proc. 10th Conf. S.S. S&A. Transducers '99 7-12 June '99, Sendai, Japan.
	Cabuz, C., et al., "The Dual Diaphragm Pump," IEEE, pages 519-522, 2001.
	Chattock, "On the Velocity and Mass of the Ions in the Electric Wind in Air," Philosophical Magazine and Journal of Science, pp. 401-420, November 1899.
	<del>Dipl.-Ing.-Dr. techn. Wolfgang Wehrmann et al., "Korrelationstechnik", Expert Verlag, Grafenau, XP002094984, 173 pages, 1980. No English Translation</del>
	Fuggerth, Endre, "Zone Gas Chromatography," Analytical Chemistry, 61, no. 14, pp. 1478-1485, (1989).
	Hauksbee, "Phyfico-Mechanical Experiments on Various Subjects," London, pp. 53-64, 1709.
	Herring, "Microdischarge-Based Detection Systems," DARPA Workshop on Micro Gas Analyzers, Monterey, CA., 8 pages, December 2002.
PJB	Honeywell Electronic Materials Interconnect Solutions, Thin Films - Dielectrics, Comparison of Solution and Film Properties, Advanced Products for IC Fabrication, 1 page.

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PJB	<a href="http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf">http://www.advanced-polymers.com/star_center/techincal_papers/reduction_in_effective_dielectric_constant.pdf</a> , 1 page.
	<a href="http://www.chrompack.com/cgi/applicsview?ap=A00607&amp;Go=G0">http://www.chrompack.com/cgi/applicsview?ap=A00607&amp;Go=G0</a> , NexTrieve document view, 2 pages, printed December 26, 2002.
	<a href="http://www.dicomps.com/uhr/iodipwer.htm">http://www.dicomps.com/uhr/iodipwer.htm</a> , Ion Pump Power Source, 2 pages, printed June 12, 2004.
	<a href="http://www.zoex.com/html/technote_kt030505-1.html">http://www.zoex.com/html/technote_kt030505-1.html</a> , Zoex Corporation, "A New Window on the Che," 5 pages, printed March 15, 2004.
	<a href="http://www.emd.horiba.com/engmease/mexa720nox">http://www.emd.horiba.com/engmease/mexa720nox</a> , HORIBA Engine Measurement Division: MEXA-720Nox -- Non-Sampling type Nox A. . . , 3 pages printed October 1, 2004.
	<a href="http://www.google.com/search?q=cache:oTL_3mJ7qQ4J:www.gas.lactec.org.br/down">http://www.google.com/search?q=cache:oTL_3mJ7qQ4J:www.gas.lactec.org.br/down</a> , "Miniaturized Ion Mobility Spectrometer," Mini 4seiter, G.A.S. Gesellschaft fur analytische Sensorsysteme mbH, 6 pages, printed October 6, 2004.
	International Search Report, PCT/US00/19924, mailed March 5, 2001, 7 pages.
	Kenndler, Ernst, "Gas Chromatography," Institute for Analytical Chemistry, University of Vienna, pages 1-34, September 9, 1999
	Kindlund et al., "Quartz Crystal Gas Monitor With Gas Concentrating Stage," Sensors and Actuators, 6 (1984) pp.1-17.
	Lee, et al., "The Study of Atmospheric Pressure Plasma by Large Area Capillary Electrode and It's Application," E-MRS Spring Meeting 2002, June 18-21, 2002, pp. 440-746. (Abstract)
	Mahadeva Sinha, "Development of a Miniature Lightweight Ion Pump," Miniature Pumps Workshop 2002, <a href="http://cot.marine.usf.edu/hems/workshop/Workshop%203rd/Abstracts%203rd/3rdpumpstalks.htm">http://cot.marine.usf.edu/hems/workshop/Workshop%203rd/Abstracts%203rd/3rdpumpstalks.htm</a> , (Abstract provided)
	Park, et al., "Microdischarge Arrays: A New Family of Photonic Devices (Revised)," IEEE Journal on Selected Topics in Quantum Electronics, Vol. 8, No. 2, pp. 387-394, March/April 2002.
	Park, et al., "Photodetection in the visible, ultraviolet, and near-infrared with silicon microdischarge devices," Applied Physics Letters, Vol. 81, No. 24, pp. 4529-4531, December 9, 2002.
	Park, et al., : Arrays of silicon micro discharge devices with multicomponent dielectrics," Optics Letters, Vol. 26, No. 22, pp. 1773-1775, November 15, 2001.
	Phillips, J.B. et al., "Thermal Modulation: A Chemical Instrumentation Component of Potential Value in Improving Portability," Field Analytical Chemistry and Technology, 1(1): 23-29, 1996.
	Quimby, et al., " Evaluation of a Microwave Cavity, Discharge Tube, and Gas Flow System of Combined Aas Chromatography - Atomic Emission Detection," Analytical Chemistry, Vol. 62, No. 10, pp. 1027-1034, May 15, 1990.
	Robinson, "The origins of electrical precipitation," Electrical Engineering, Vol. 82, No. 9, pp 559-564, September 1963.
	Shvartsburg et al., "Structural Elucidation of Fullerene Dimers by High-Resolution Ion Mobility Measurements and Trajectory Calculation Simulations," J. Phys. Chem. A 1997, 101, pp. 1684-1688.
PJB	Stevenson, Robert, "Wintergreen '97," The World of Separation Science, The 19th International Symposium on Capillary Chromatography and Electrophoresis, 11 pages.

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PJB	Thompson, et al., "Ultraviolet Absorption Coefficients of CO <sub>2</sub> , CO, O <sub>2</sub> , H <sub>2</sub> O, N <sub>2</sub> O, NH <sub>3</sub> , NO, SO <sub>2</sub> , and CH <sub>4</sub> between 1850 and 4000 Å," Journal of Geophysical Research, Vol. 68, NO. 24, pp 6431-6436, December 15, 1963.
PJB	Toker et al., "Design and development of a fiber optic TDI CCD-based slot-scan digital mammography system," X-ray Detector Physics and Applications II, Proceedings SPIE-The International Society for Optical Engineering, vol. 2009 (July 13-14, 1993) pp.246-252.
PJB	Whitman et al., "Double-Injection FIA Using First-Order Calibration for Multicomponent Analysis," Analytical Chemistry 63 (1991) pp.775-781.
PJB	Young et al., "The Knudsen Compressor as an Energy Efficient Micro-Scale Vacuum Pump," 2nd NASA/JPL Miniature Pumps workshop, Pasadena, CA., 10 pages, March 28, 2002.
EXAMINER: 	DATE CONSIDERED: 12/11/06

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